



3/3 FIG. 3 **DOWNWARD UPWARD ADJUSTMENT ADJUSTMENT ENTER ENTER** 1/2 SEC Ν **15 SEC** TIMEOUT? TIMEOUT? STIM **RESET 15 SEC** FLAG SET? **TIMER** SET EMG Ν **LEVEL TO ZERO RESET** Ν EMG LEVEL >= FLAG SET? THRESHOLD? Ν **INCREASE THRESHOLD MAXIMUM** 3 PIXELS Ν EMG LEVEL < THRESHOLD -4 PIXELS? **INITIATE STIM CYCLE** Υ **DECREASE THRESHOLD SET STIM** TO EMG LEVEL +4 PIXELS **FLAG EXIT EXIT**